

Applied Catalysis A: General 131 (1995) 391-393



Contents Volume 131

Letter Preparation of silica-alumina catalyst by the sol-gel method and its activity for the Diels-Alder reaction of isoprene and acrylaldehyde [A3186] Articles Aromatization of ethane over Pt, Ga/HZSM-5 catalyst and the effect of intermetallic hydrogen acceptor on the reaction [A3143] Cerium impregnated H-mordenite as a catalyst for shape-selective isopropylation of naphthalene. Selective deactivation of acid sites on the external surface [A3118] J.-H. Kim (Tottori, Japan), Y. Sugi, T. Matsuzaki, T. Hanaoka, Y. Kubota (Ibaraki, Japan), . XTu, M. Matsumoto (Osaka, Japan), S. Nakata (Yokohama, Japan), A. Kato (Ibaraki, Japan), G. Seo Direct synthesis of phenol by hydroxylation of benzene with oxygen and hydrogen [A3151] Importance of a quasistable V₄O₉ to synthesize a highly crystalline VOHPO₄ · 0.5H₂O [A3152] Catalytic decomposition and oxidation of CH₃Cl on Cr₂O₃-doped SnO₂ [A3142] Effect of heat-treatment conditions on Cu-Cr/ γ -alumina catalyst for carbon monoxide and propene oxidation [A3153] Characterization of Pd-CeO₂ interaction on alumina support and hydrogenation of 1,3-butadiene [A3154] Applications of binderless zeolite-coated monolithic reactors [A3140] Effects of high-level additions of ZSM-5 to a fluid catalytic cracking (FCC) RE-USY catalyst [A3141] Y.G. Adewuyi, D.J. Klocke (Paulsboro, NJ, USA) and J.S. Buchanan (Princeton, NJ, USA) 121 Synergistic effect of iron and copper oxides supported on silica in the room temperature oxidation of cyclohexane [A3149] U. Schuchardt, R. Pereira, C.E.Z. Krähembühl, M. Rufo and R. Buffon (Campinas, SP, Brazil) 135 Effect of experimental parameters on the relative reactivity of dibenzothiophene and 4methyldibenzothiophene [A3135] Diels-Alder reactions of α -amino acid precursors by heterogeneous catalysis: Thermal vs. microwave

0926-860X/95/\$09.50 © 1995 Elsevier Science B.V. All rights reserved *SSDI* 0926-860X(95)9999-Z

activation [A3148]

C. Cativiela, J.I. García, J.A. Mayoral, E. Pires, A.J. Royo (Zaragoza, Spain) and F. Figueras (Villeurbanne, France)
Highly efficient telomerization of butadiene into octadienol in a micellar system: a judicious choice of the phosphine/surfactant combination [A3137] E. Monflier (Lens, France), P. Bourdauducq, JL. Couturier, J. Kervennal (Pierre Bénite, France) and
A. Mortreux (Villeneuve d'Ascq, France)
Calendar of Forthcoming Events
Book Review
News Brief
Alkyne Cyclotrimerization
Manfred Baerns Moves to Berlin
Structure Sensitivity and Insensitivity in Catalysis
Roumanian Literature
News from Poland
Rhône-Poulenc Transfers its Heat-Cured Elastomers Business in North America and Japan to Wacker No
Japan-China-U.S.A. Symposium on Catalysis
Articles
Preparation and characterization of alumina supported trimanganese tetroxide catalysts [A3161] W. Wang, Y. Yang and J. Zhang (Beijing, China)
Synthesis of C ₂₊ -oxygenated compounds directly from syngas [A3159] PZ. Lin, DB. Liang, HY. Luo, CH. Xu, HW. Zhou, SY. Huang and LW. Lin (Dalian, China)
Effect of SiO ₂ /Al ₂ O ₃ ratio on the catalytic properties of mordenite for alkylation of biphenyl with
propene [A3157] T. Matsuda, T. Urata, U. Saito and E. Kikuchi (Tokyo, Japan)
Removal of unsaturated contaminants from an industrial C ₄ -stream using Cu/SiO ₂ catalysts: Subsequent testing of the purified stream with an alkyne sensitive catalyst system [A3162]
I. Setiawan and K.J. Cavell (Hobart, Tas., Australia)
[A3155] R. Mariscal, M.A. Peña and J.L.G. Fierro (Madrid, Spain)
Partial oxidation of methane to formaldehyde by lithium promoted VPO catalysts [A3150] M. López Granados and E.E. Wolf (Notre Dame, IN, USA)
Activity and structure-sensitivity of the water-gas shift reaction over Cu–Zn–Al mixed oxide catalysts [A3163]
M.J.L. Ginés (Santa Fe, Argentina), N. Amadeo, M. Laborde (Buenos Aires, Argentina) and C.R. Apesteguía (Santa Fe, Argentina)
The effects of support and of particle size on the redox properties of rhodium [A3147] D. Martin and D. Duprez (Poitiers, France)
Catalytic activity and selectivity of perovskites $La_{1-x}Sr_xV_{1-x}^{3+}V_x^{4+}O_3$ for the transformation of

	Contents Volume 131 / Applied Catalysis A: General 131 (1995) 391-393	393
isopropanol [A31] P.N. Trikalitis	38] and P.J. Pomonis (Ioannina, Greece)	309
	oxide on the morphology and basicity of alumina [A3166] A. Piéplu, J.C. Lavalley (Caen, France) and P. Nortier (Aubervilliers, France)	323
[A3158]	alkenes from syngas on silicalite-1 supported cobalt and cobalt-manganese catalysts	
D. Das, G. Rav	richandran and D.K. Chakrabarty (Bombay, India)	335
	aromatization over a gallium-doped H-ZSM-5 catalyst [A3165] D. Wolf, P. Schulz and M. Baerns (Bochum, Germany)	347
•	alumina-supported Wacker catalysts in the oxidation of 1-butene [A3181] Areemers, M. Soede, M. Makkee and J.J.F. Scholten (Delft, The Netherlands)	367
Author Index		383
Subject Index		385
Contents Volume 1	31	391
News Brief		
Alkyne Cyclotrime	rization	N10
Reactions at Superc	critical Conditions: Has the Time Arrived?	N11
Relevant Catalysis?	·	N12
Russian Literature .		N13
Rentech, Inc. and F	ischer-Tropsch Process	N13
Innovation — and w	what Drives Acceptance?	N14

